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RAW SEQUENCE LISTING

DATE: 03/21/2002

PATENT APPLICATION: US/10/015,540

TIME: 11:10:40

Input Set : A:\405c3.app

Output Set: N:\CRF3\03212002\J015540.raw

SEQUENCE LISTING

5 (1) GENERAL INFORMATION:

7 (i) APPLICANT: Ling, Nicholas

8 Gaur, Amitabh

9 Conlon, Paul J.

10 Steinman, Lawrence

13 (ii) TITLE OF INVENTION: METHODS FOR TREATMENT OF MULTIPLE

14 SCLEROSIS USING PEPTIDE ANALOGUES OF HUMAN MYELIN BASIC

15 PROTEIN

17 (iii) NUMBER OF SEQUENCES: 3

19 (iv) CORRESPONDENCE ADDRESS:

20 (A) ADDRESSEE: Seed Intellectual Property Law Group PLLC

21 (B) STREET: 701 Fifth Avenue, Suite 6300

22 (C) CITY: Seattle

23 (D) STATE: Washington

24 (E) COUNTRY: USA

25 (F) ZIP: 98104-7092

27 (v) COMPUTER READABLE FORM:

28 (A) MEDIUM TYPE: Floppy disk

29 (B) COMPUTER: IBM PC compatible

30 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

31 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

33 (vi) CURRENT APPLICATION DATA:

C--> 34 (A) APPLICATION NUMBER: US/10/015,540

C--> 35 (B) FILING DATE: 11-Dec-2001

36 (C) CLASSIFICATION:

38 (vii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Christiansen, William T.

40 (B) REGISTRATION NUMBER: 44,614

41 (C) REFERENCE/DOCKET NUMBER: 690068.405C3

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: (206) 622-4900

45 (B) TELEFAX: (206) 682-6031

48 (2) INFORMATION FOR SEQ ID NO: 1

50 (i) SEQUENCE CHARACTERISTICS:

SEQUENCE CHARACTERISTICS:

(A) NAME/KEY: CUS

(B) LOCATION: 1,540

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65 GCG TCA CAG AAG AGA CCC TCC CAG AGG CAC GGA TCC AAG TAC CTG GCC      48
66 Ala Ser Gln Lys Arg Pro Ser Gln Arg His Gly Ser Lys Tyr Leu Ala
67   1           5           10           15
69 ACA GCA AGT ACC ATG GAC CAT GCC AGG CAT GGC TTC CTC CCA AGG CAC      96
70 Thr Ala Ser Thr Met Asp His Ala Arg His Gly Phe Leu Pro Arg His
71           20           25           30
73 AGA GAC ACG GGC ATC CTT GAC TCC ATC GGG CGC TTC TTT GGC GGT GAC      144
74 Arg Asp Thr Gly Ile Leu Asp Ser Ile Gly Arg Phe Phe Gly Gly Asp
75           35           40           45
77 AGG GGT GCG CCA AAG CGG GGC TCT GGC AAG GAC TCA CAC CAC CCG GCA      192
78 Arg Gly Ala Pro Lys Arg Gly Ser Gly Lys Asp Ser His His Pro Ala
79           50           55           60
81 AGA ACT GCT CAC TAT GGC TCC CTG CCC CAG AAG TCA CAC GGC CGG ACC      240
82 Arg Thr Ala His Tyr Gly Ser Leu Pro Gln Lys Ser His Gly Arg Thr
83   65           70           75           80
85 CAA GAT GAA AAC CCC GTA GTC CAC TTC TTC AAG AAC ATT GTG ACG CCT      288
86 Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro
87           85           90           95
89 CGC ACA CCA CCC CCG TCG CAG GGA AAG GGG AGA GGA CTG TCC CTG AGC      336
90 Arg Thr Pro Pro Pro Ser Gln Gly Lys Gly Arg Gly Leu Ser Leu Ser
91           100          105          110
93 AGA TTT AGC TGG GGG GGC GAA GGC CAG AGA CCA GGA TTT GGC TAC GGA      384
94 Arg Phe Ser Trp Gly Ala Glu Gly Gln Arg Pro Gly Phe Gly Tyr Gly
95           115          120          125
97 GGC AGA GCG TCC GAC TAT AAA TCG GCT CAC AAG GGA TTC AAG GGA GTC      432
98 Gly Arg Ala Ser Asp Tyr Lys Ser Ala His Lys Gly Phe Lys Gly Val
99           130          135          140
101 GAT GCC CAG GGC ACG CTT TCC AAA ATT TTT AAG CTG GGA GGA AGA GAT      480
102 Asp Ala Gln Gly Thr Leu Ser Lys Ile Phe Lys Leu Gly Gly Arg Asp
103 145          150          155          160
105 AGT CGC TCT GGA TCA CCC ATG GCT AGA CGC TGA      513
106 Ser Arg Ser Gly Ser Pro Met Ala Arg Arg
107           165          170
110 (2) INFORMATION FOR SEQ ID NO: 2:
112   (i) SEQUENCE CHARACTERISTICS:
113       (A) LENGTH: 170 amino acids
114       (B) TYPE: amino acid
115       (D) TOPOLOGY: linear
117   (ii) MOLECULE TYPE: protein
119   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
121 Ala Ser Gln Lys Arg Pro Ser Gln Arg His Gly Ser Lys Tyr Leu Ala
122   1           5           10           15
124 Thr Ala Ser Thr Met Asp His Ala Arg His Gly Phe Leu Pro Arg His
125           20           25           30

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134 65                               70                               75                               80
136 Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro
137                               85                               90                               95
139 Arg Thr Pro Pro Pro Ser Gln Gly Lys Gly Arg Gly Leu Ser Leu Ser
140                               100                               105                               110
142 Arg Phe Ser Trp Gly Ala Glu Gly Gln Arg Pro Gly Phe Gly Tyr Gly
143                               115                               120                               125
145 Gly Arg Ala Ser Asp Tyr Lys Ser Ala His Lys Gly Phe Lys Gly Val
146                               130                               135                               140
148 Asp Ala Gln Gly Thr Leu Ser Lys Ile Phe Lys Leu Gly Gly Arg Asp
149 145                               150                               155                               160
151 Ser Arg Ser Gly Ser Pro Met Ala Arg Arg
152                               165                               170
154 (2) INFORMATION FOR SEQ ID NO: 3:
156 (i) SEQUENCE CHARACTERISTICS:
157 (A) LENGTH: 14 amino acids
158 (B) TYPE: amino acid
159 (C) STRANDEDNESS:
160 (D) TOPOLOGY: linear
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
168 Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr Pro
169 1                               5                               10

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/015,540

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L:34 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:35 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]